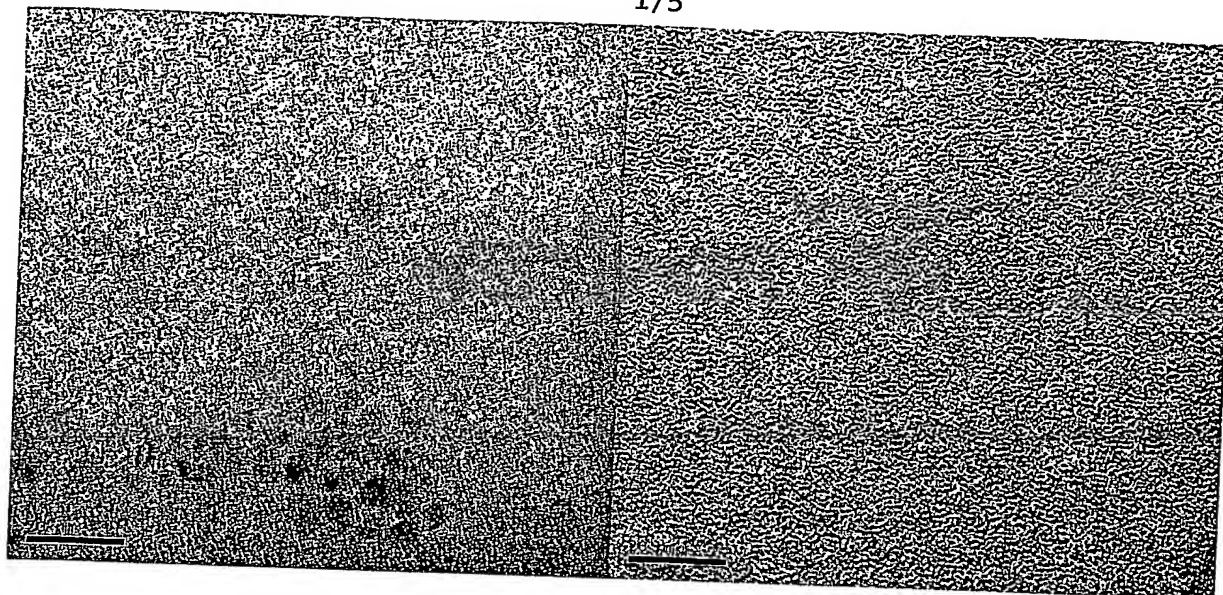
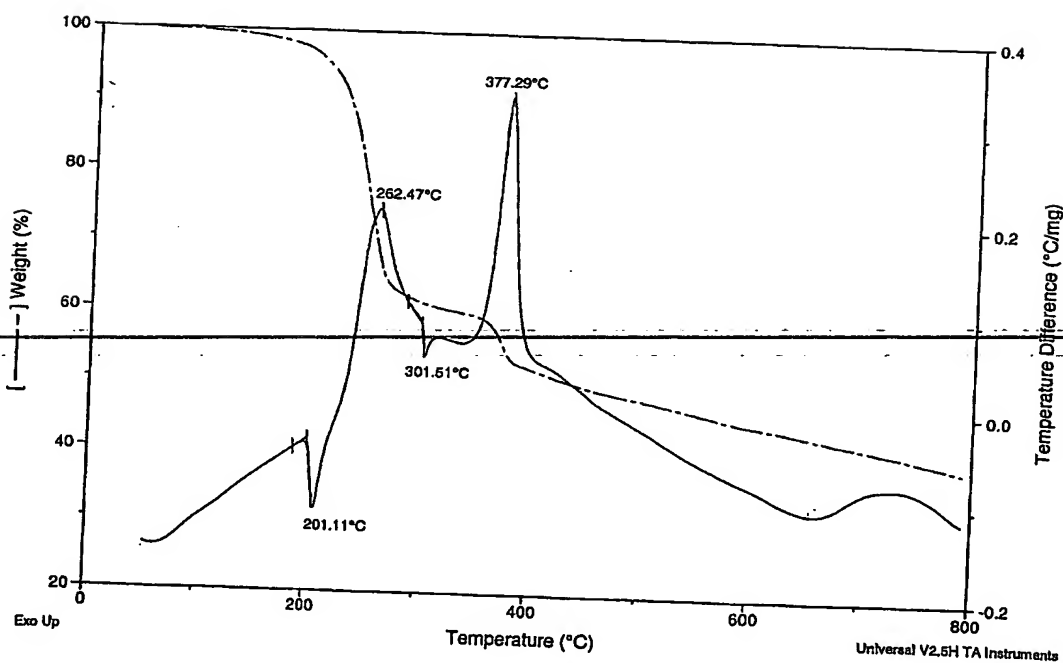


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Figure 1: TEM of pyridine-protected Cu<sub>2</sub>O nanoparticlesFigure 2: DTA/TGA of Cu<sub>2</sub>O nanoparticles

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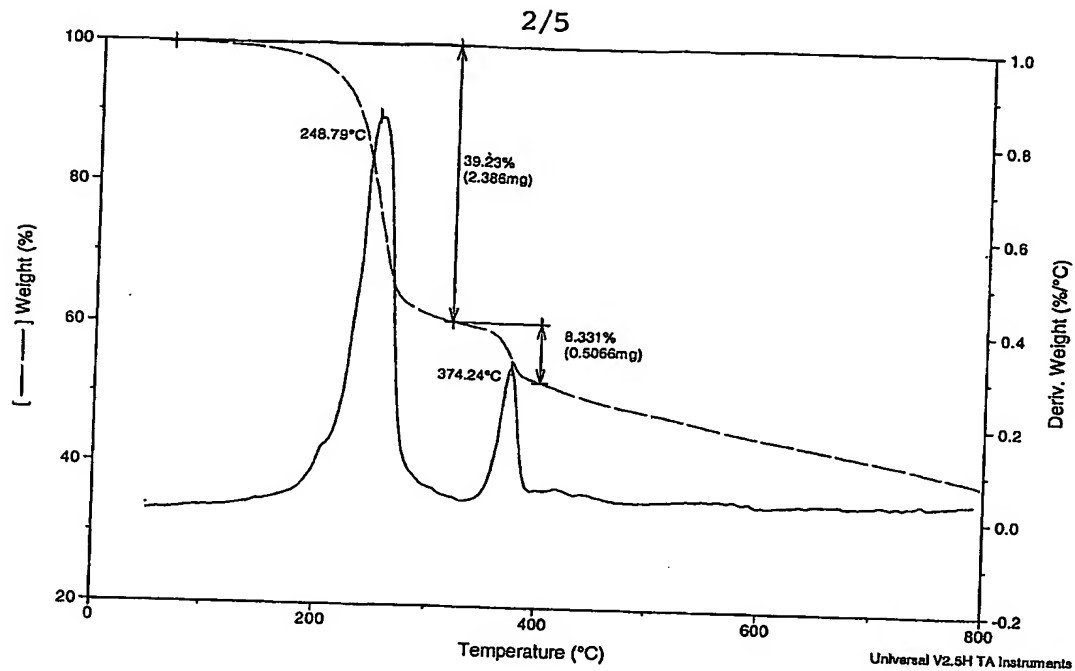


Figure 3: TGA and its derivative curve of  $\text{Cu}_2\text{O}$  nanoparticles

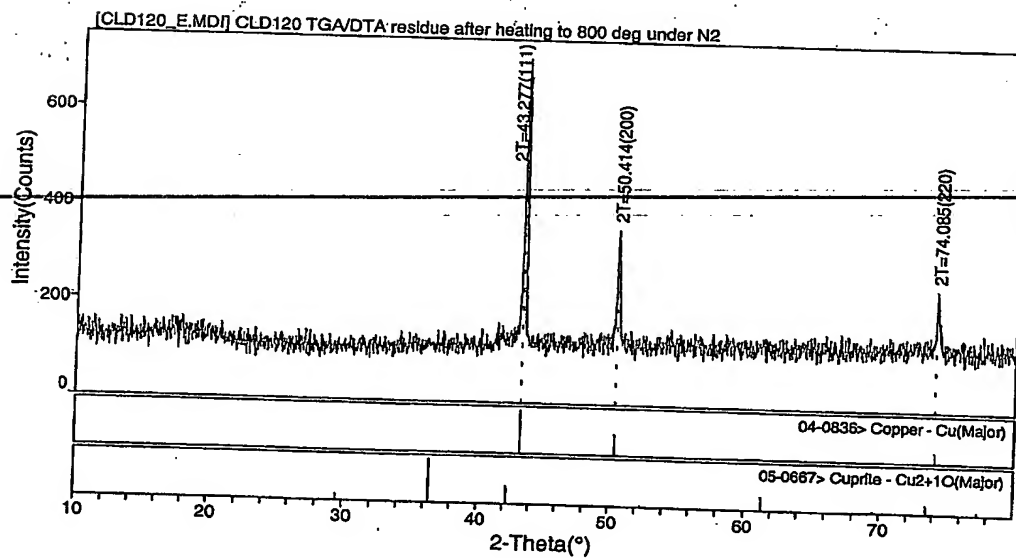


Figure 4: XRD of  $\text{Cu}_2\text{O}$  nanoparticles after heating to 800°C under inert atmosphere

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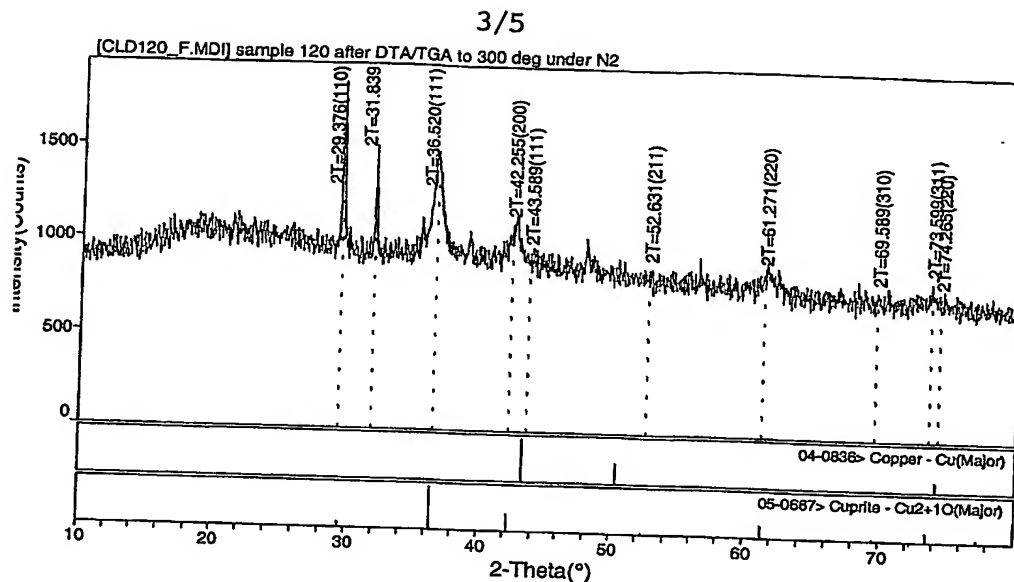


Figure 5: XRD of Cu<sub>2</sub>O nanoparticles after heating to 300°C under inert atmosphere

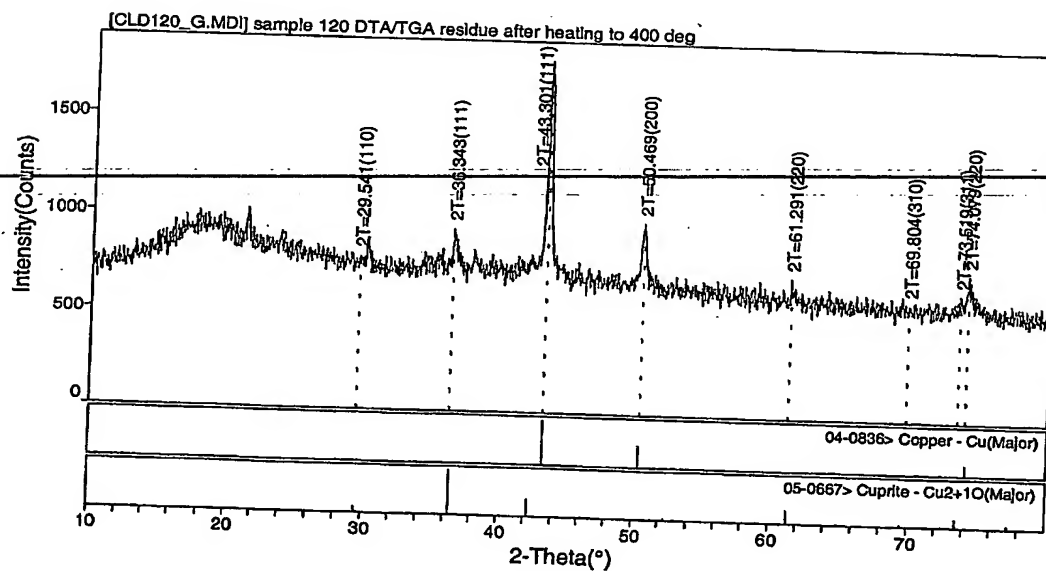


Figure 6: XRD of Cu<sub>2</sub>O nanoparticles after heating to 400°C under inert atmosphere

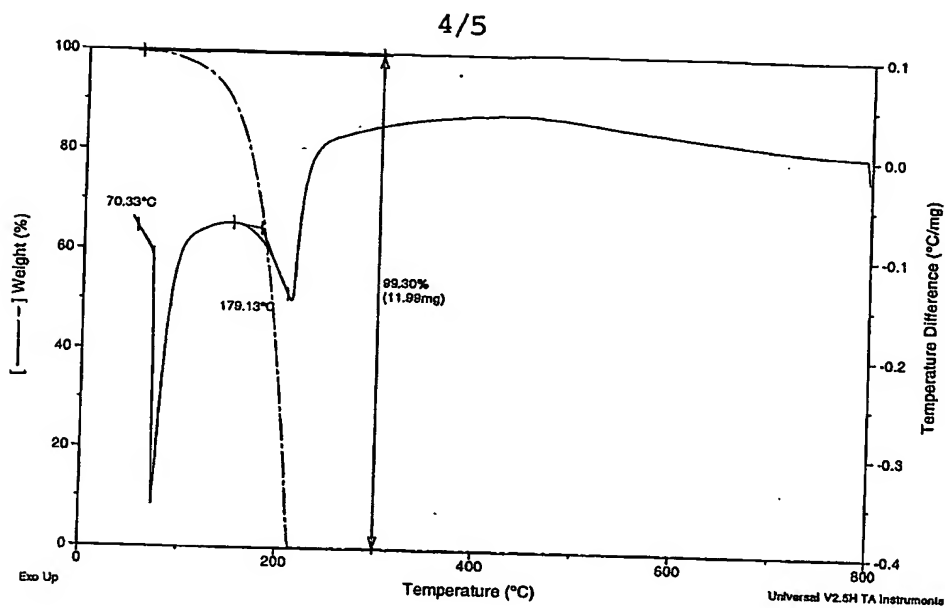


Figure 7: DTA/TGA of unbound 2,2'-bipyridyl

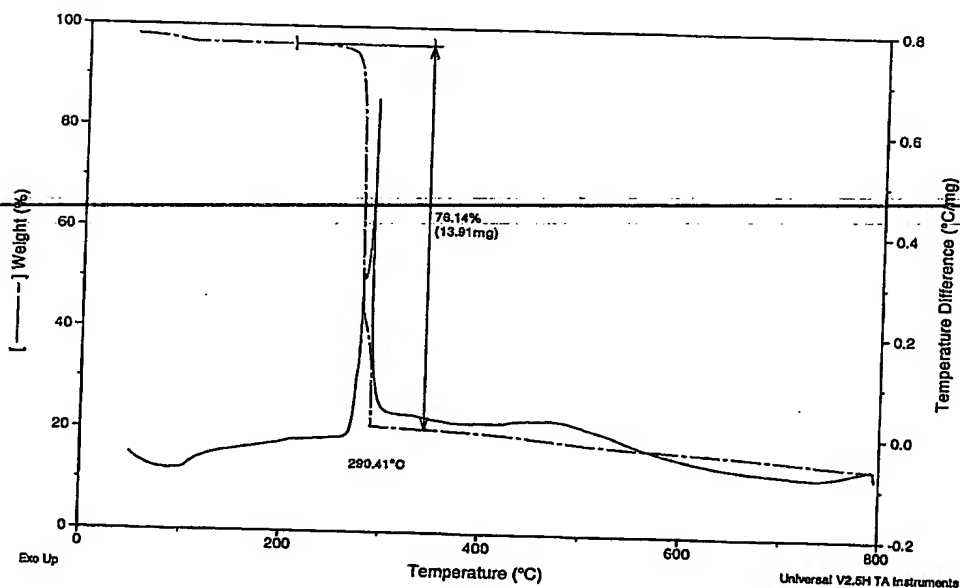


Figure 8: DTA/TGA of copper(II) complex of 2,2'-bipyridyl

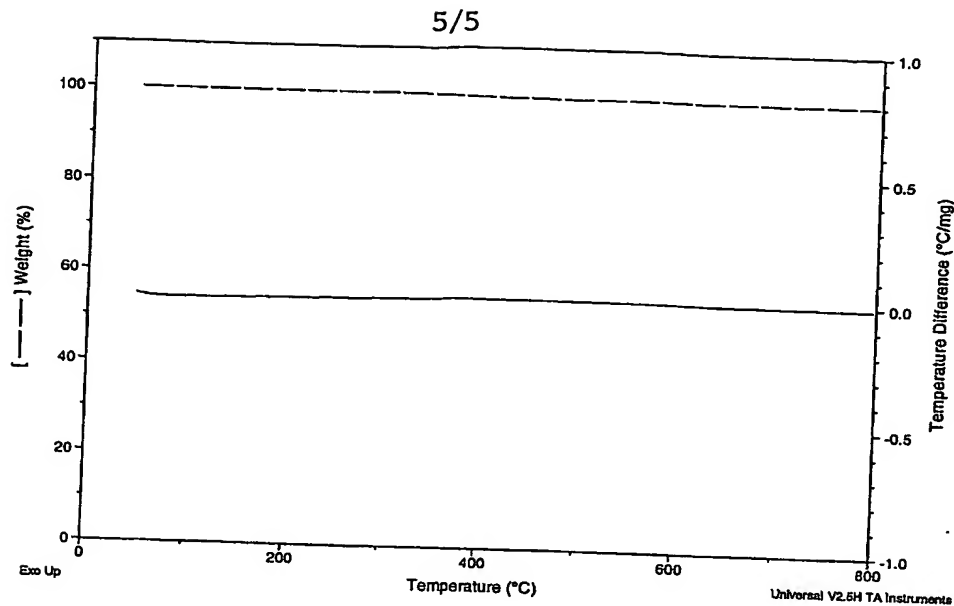


Figure 9: DTA/TGA of bulk  $\text{Cu}_2\text{O}$